

Case No.: 00-505-I

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Identification of Microbial Polynucleotides Expressed during Infection of a Host

the specification of which is attached hereto unless the following space is checked:

was filed on March 6, 2002 as United States Application Serial Number 10/092,243.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

Number Country Day/Month/Year Filed

1. 2.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Number Filing Date
60/147,551 August 6, 1999

1. 2.

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application Number Filing Date Status: patented, pending, abandoned
1. 09/980,845 August 4, 2000 Pending
2. US00/21340 August 4, 2000 Pending

I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and I direct that all correspondence be addressed to that Customer Number.

Customer Number: 020306

Principal attorney or agent: Lisa M.W. Hillman, Ph.D.

Telephone number: 312-913-0001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor:

Jeffrey Daniel Hillman

Inventor's signature:

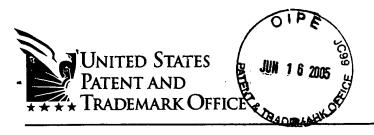
Date: 6/6/05

Residence: Citizenship:

United States of America

Post Office Address:

6424 SW 26th Place, Gainesville, Florida 32608



JUNE 12, 2002

PTAS

Chief Information Officer Washington, DC 20231 www.uspto.gov

MCDONNELL, BOEHNEN, HULBERT & BERGHOFF

ATTN: LISA M.W. HILLMAN

300 SOUTH WACKER DRIVE-32ND FLOOR

CHICAGO, IL 60606



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/08/2002

REEL/FRAME: 012790/0971

NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PROGULSKE-FOX, ANN

DOC DATE: 03/20/2002

ASSIGNOR:

HANDFIELD, MARTIN

DOC DATE: 03/20/2002

ASSIGNOR:

BRADY, L. JEANNINE

DOC DATE: 03/20/2002

ASSIGNOR:

HILLMAN, JEFRREY D.

DOC DATE: 03/11/2002

ASSIGNEE:

IVIGENE CORPORATION 12085 RESEARCH DRIVE ALACHUA, FLORIDA 32615

SERIAL NUMBER: 09980845

PATENT NUMBER:

FILING DATE: ISSUE DATE:

JACQUELINE MOORE, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

04-18-2002 00,505-B Docket-U.S. DEPARTMENT OF COMMERCE HEET ORM PTO-1595 Patent and Trademark Office macheu ong documents or copy thereof. o The Honorable Commissioner of Patents and Trademarks: Please re Name of conveying party(18940 al Name and address of receiving party(ies) 4-8-02 Name: iviGene Corporation Ann Progulske-Fox Martin Handfield Address: 12085 Research Drive L. Jeannine Brady Jeffrey D. Hillman \dditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Nature of conveyance: State: Florida City: Alachua □ Merger Zip: 32615 Country: U.S.A. ☐ Change of Name ☐ Security Agreement □ Other Execution Date: March 20, 2002 and March 11, 2002 Additional name(s) & address(es) attached? □ Yes ⊠ No Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) Filing Date A. Patent Application No.(s) November 15, 2001 09/980,845 Additional numbers attached? ☐ Yes ☑ No Name and address of party to whom correspondence concerning Total number of applications and patents involved: 1 document should be mailed: Name: Lisa M.W. Hillman Total Fee (37 CFR 3.41)\$40.00 Registration No.: 43,673 ⊠ Enclosed Company Name: McDonnell, Boehnen, Hulbert & Berghoff ☐ Authorized to be charged to deposit account Street Address: 300 South Wacker Drive - 32nd Floor Deposit account number: State: Illinois City: Chicago 13-2490 Country: U.S.A. ZIP: 60606 1/18/2002 TDIAZ1 00000034 09980845 DO NOT USE THIS SPACE 40.00 OP L FC:581 Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original

document.

Lisa M.W. Hillman

Printed Name of Person Signing

March 28, 2002

Total number of pages including cover sheet, attachments, and document: 6

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

ASSIGNMENT

Case No.: Inventors: 00-505-B

Progulske-Fox, et al.

Date of Execution

of Application: March 20, 2002 and March 11, 2002

Serial No.: 09/980,845

Filing Date: November 15, 2001

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

iviGene Corporation, a corporation of the State of DELAWARE

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Microbial Polynucleotides Expressed During Infection of a Host

and identified as:

Case No. 00-505-B

in the offices of McDonnell Boehnen Hulbert & Berghoff and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 20 day of March, 2002

Ann Progulske-Fox

State of

County of

The foregoing instrument was acknowledged before me this 20 day of

NOTARY PUBLIC

PATTI BREEDLOVE
SHOTARY My Comm Exp. 125/03
No. CC 892426
Pursonally Recoun (10ther LE)

WITNESS my hand and seal this Hallett, Handfield

Martin Handfield

State of

County of

The foregoing instrument was acknowledged before me this 20 day of

LLA. 2002 by PATTI BREEDLOUZ

NOTARY PUBLIC

PATTI BREEDLOVE
MOTARY S My Comm Exp. 12/5/05
No. CC 892426
ACCURATE NORM (1) Other I.D.

WITNESS my hand and seal this 20 day of MAC, 02	<u>-</u> :
	D. Jane Brok
L.	Jeannine K. Bradley Jeannine Brady B
State of Florida) •
County of Alachua	
The foregoing instrument was acknowledged before i	me this <u>20</u> day of March , 2002
March, 2002 by L. Jeannine	Brady Danie R Braddy
j	Jania R Bladdy NOTARY PUBLIC
	Janice R. Braddy Commission # 00 839316 Expires July 11, 2003 Bonded Thru Atlantic Bonding Co., Inc.

WITNESS my hand and seal this it day of March, 2002.

State of Houida

County of Alachua

The foregoing instrument was acknowledged before me this 11 day of

. 2002 by D. Jeff Hilling N

L. T. GALIFEAU NOTARY No. CC 785053

[VPersonally Known [] Other I.D.

Istalipean 3/11/02

ORM PTO-1595

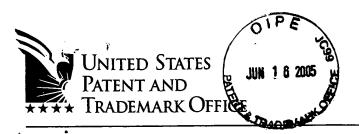
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No. 00,505-B

	1.1	
o The Honorable Commissions of Patents of Trademarks: Please reco Name of conveying party(ies):	Name and address of receiving party(ies)	
. Inamie of conveying party(ies).		
Ann Progulske-Fox	Name: iviGene Corporation	
Martin Handfield L. Jeannine Brady	Address: 12085 Research Drive	
Jeffrey D. Hillman		
Additional name(s) of conveying party(ies) attached? Yes No	<u>·</u>	
Nature of conveyance:	City: Alachua State: Florida	
	City: Alachua State: Florida	
	Country: U.S.A. Zip: 32615	
☐ Security Agreement ☐ Change of Name		
☐ Other		
Execution Date: March 20, 2002 and March 11, 2002	Additional name(s) & address(es) attached? ☐ Yes ☒ No	
	Additional name(s) & address(es) attached: 2 7 cs 22 7 cs	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the	execution date of the application is:	
A. Patent Application No.(s) Filing Date	B. Patent No.(s)	
09/980,845 November 15, 2001	·	
Additional numbers attached? □ Yes ☑ No		
5. Name and address of party to whom correspondence concerning		
document should be mailed:	6. Total number of applications and patents involved: 1	
Name: Lisa M.W. Hillman		
	7. Total Fee (37 CFR 3.41)\$40.00	
Registration No.: 43,673	7. Total Fee (37 CFR 3.41)	
Company Name: McDonnell, Boehnen, Hulbert & Berghoff	⊠ Enclosed	
Street Address: 300 South Wacker Drive – 32 nd Floor	☐ Authorized to be charged to deposit account	
Street Address: 300 South Wacker Drive - 32 Troop	·	
City: Chicago State: Illinois	8. Deposit account number:	
Country: U.S.A. ZIP: 60606	13-2490	
Country: U.S.A. ZIP: 60606	-	
DO NOT HE	SE THIS SPACE	
DO NOT OS	JE IMO GIACO	
9. Statement and signature.		
To the best of my knowledge and belief, the foregoing information	is true and correct and any attached copy is a true copy of the original	
document.	M 1	
Lisa M.W. Hillman	March 28, 2002	
Printed Name of Person Signing Signature		
Total number of pages including cover sheet, attachments, and document: 6		
Mail documents to be recorded with required cover sheet information to:		
Commissioner of Patents and Trademarks Box Assignments		

Washington, D.C. 20231



JULY 23, 2002

PTAS

MCDONNELL, BOEHNEN, HULBET & BERGHOFF LISA M.W. HILLMAN 300 SOUTH WACKER DRIVE - 32ND FLOOR CHICAGO, IL 60606 Under Secretary of Commerce For Intellectual Property and Director of the United States Patent and Trademark Office Washington, DC 20231 www.uspto.gov



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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/20/2002

REEL/FRAME: 012912/0090

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HILLMAN, JEFFREY D.

DOC DATE: 04/29/2002

ASSIGNEE:

IVIGENE CORPORATION 12085 RESEARCH DRIVE ALACHUA, FLORIDA 32615

SERIAL NUMBER: 10092243

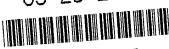
PATENT NUMBER:

FILING DATE: ISSUE DATE:

JEFFREY OLSEN, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS



05-23-2002



102100538

Docket No. 00,505-I

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

5 - 20 To The Property of the Please record	100000
To The Honorable Commissioner of Patents and Trademarks: Please record	d the attached original documents of copy diction.
o The Honorable Commissioner of Latents and	2. Name and address of receiving party(103)
Name of conveying party(ies)	Name: iviGene Corporation
Jeffrey D. Hillman	Name: Modific despera
Jeffrey D. Hillman Additional name(s) of conveying party(ies) attached? □ Yes ☒ No	
Additional name(s) of conveying party(ies) attached? LI Yes ZINO	
	City: Alachua State: Florida Country: U.S.A. Zip: 32615
	State: Florida
3. Nature of conveyance:	City: Alachua State: Florida
□ Morger	7 22615
★ Assignment ★ Interest ★ Interest	Country: U.S.A. Zip: 32615
☐ Security Agreement ☐ Change of Name	
Li Security Agreement	l'
Other	
	Additional name(s) & address(es) attached? ☐ Yes ☒ No
Execution Date: April 29, 2002	Additional name(e)
4. Application number(s) or patent number(s):	Les Sette amplication is
4. Application number(s) of partial lifthis document is being filed together with a new application, the	execution date of the application to
	B. Patent No.(s)
A. Patent Application No.(s) Filing Date	B. Tatem (vs.(e)
March 6, 2002	
10/002 243	
Additional numbers	attached? □ Yes ☒ No .
5. Name and address of party to whom correspondence concerning	6. Total number of applications and patents involved: 1
document should be mailed:	6. Total number of approximation
document should be the	
Name: Lisa M.W. Hillman	\$40.00
	7. Total Fee (37 CFR 3.41)\$40.00
Registration No.: 43,673	-
	⊠ Enclosed
Company Name: McDonnell, Boehnen, Hulbert & Berghoff	☐ Authorized to be charged to deposit account
Street Address: 300 South Wacker Drive – 32 nd Floor	Authorized to be charged to depart
Street Address: 300 South Wacker Dive	
State: Illinois	8. Deposit account number:
City: Chicago State: Himois	13-2490
ZIP: 60606	
Country: U.S.A. ZIP: 80000	
DO NOT	USE THIS SPACE
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	de la compact de
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original	
document. May 7, 2002	
Lisa M.W. Hillman Signature	
Printed Name of Person Signing	
the cover cheet attachments, and document: 4	
Total number of pages including cover sheet, and sheet information to: Mail documents to be recorded with required cover sheet information to:	
Mail documents to be recorded with required and Trademarks	

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

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40.00 DP

3/2002 GTON11

::581

ASSIGNMENT

Case No.: 00-505-I

Serial No.: 10/092,243

Inventor: Hillman
Date of Execution

of Application: April 29, 2002

Filing Date: March 6, 2002

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to:

iviGene Corporation, a corporation of the state of Delaware

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Identification of Microbial Polynucleotides Expressed During Infection of a Host and identified as:

Case No. 00-505-I

in the offices of McDonnell Boehnen Hulbert & Berghoff and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

FORM PTO-1595

RECORDATION FORM COVER SHEET

Docket No. 00,505-I

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

PATENTS ONLY

To The Honorable Commission of Patents and Trademarks: Please rec	pard the ettrohed esisted de	
1. Name of conveying party(ies). ADD 14 2:38	2. Name and address of receiving party(ies)	
Jeffrey D. Hillman FINANCE SECTION	Name: iviGene Corporation	
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Address: 12085 Research Drive	
	The state of the s	
3. Nature of conveyance:	City: Alachua State: Florida	
	Country: U.S.A. Zip: 32615	
☐ Security Agreement ☐ Change of Name ☐ Other		
Execution Date: April 29, 2002	Additional name(s) & address(es) attached? □ Yes ☒ No	
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A. Patent Application No.(s) Filing Date	B. Patent No.(s)	
10/092,243 March 6, 2002		
Additional numbers attached? □ Yes ☑ No .		
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Name: Lisa M.W. Hillman		
Registration No.: 43,673	7. Total Fee (37 CFR 3.41)	
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City: Chicago State: Illinois	8. Deposit account number:	
Country: U.S.A. ZIP: 60606	13-2490	
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DO NOT USE THIS SPACE		
Statement and signature. To the best of my knowledge and belief, the foregoing information is document	true and correct and any otto-lad	
document.	In the and correct and any attached copy is a true copy of the original	
Lisa M.W. Hillman Printed Name of Person Signing Signing	May 7, 2002	
Total number of pages including cover sheet, attachments, and document: 4		
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks		
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Washington, D.C. 20231		